

# Brief spec.; 12.1"WXGA LED Backlight (Build-in LED driver) model

## Features

- **Build-in LED driver**
- **LED Lifetime 60,000h**
- **Wide Operation Temperature Range (-30~80 °C)**
- **Natural Color Matrix**

TYPE NAME	AA121TD01	
Schedule	CS:10/1Q, MP: 10/2Q	
Screen Size / Resolution	31cm (12.1-inch) / WXGA	
Active Screen Area Size [mm]	261.1(H) x 163.2(V)	
Pixel Number	1280(H) x 800(V)	
Pixel Pitch [mm]	0.204(H) x 0.204(V)	
Contrast Ratio	600:1	
Brightness [cd/m <sup>2</sup> ]	500 (IF=90mA)	
Viewing Angle (CR>10) [ °]	-80~80(H), -60~80(V)	
Optimum Viewing Angle (Max. CR )	6 o'clock	
Colors	262k(6bit)/16.7M(8bit)	
Color Saturation (vs. NTSC) [%]	40	
Natural Color Matrix	Yes	
Backlight	LED	
Lamp/LED Life [h]	Min. 60000	
Interface	LVDS	
Power Consumption [W]	TBD	
Power Supply [V]	LCD: 3.3V, LED driver: 12V	
Reverse Scan	Available	
Module Outline Dimensions [mm]	W	283
	H	185.1
	D	10
Module Mass [g]	TBD	
Operation Temperature Range [°C]	-30~80	
Storage Temperature Range [°C]	-30~80	
Surface Treatment	Anti-glare	

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